

APPENDIX

Changes to Claims:

Claims 13-16 are added.

The following are marked-up versions of the amended claims:

3. (Amended) A method of ion attachment mass spectrometry as set forth in claim 1 ~~or 2~~, wherein a quantitative value is calculated for said each component using sensitivity corresponding to the total pressure during measurement.

4. (Amended) A method of ion attachment mass spectrometry as set forth in claim 1~~-or-2~~, wherein the total pressure during the measurement is set within an allowable fluctuation of total pressure.

8. (Amended) An apparatus for ion attachment mass spectrometry as set forth in claim 6~~-or-7~~, further provided between said reaction chamber and said analysis chamber with a differential evacuation chamber of a reduced pressure atmosphere for connecting said two chambers in a vacuum state.

12. (Amended) An apparatus for ion attachment mass spectrometry as set forth in claim 10~~-or-11~~, wherein

the allowable fluctuation of total pressure is calculated from a rate of change of sensitivity corresponding to the total pressure of said reduced pressure atmosphere during the measurement and a required quantitative error value.